

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Ishiwata, H. et al.

Serial No.: 09/988,322 ✓

Group Art Unit: 2828

Filed: November 19, 2001

Examiner: Vy, Hung

For: AUTO POWER CONTROL CIRCUIT FOR LASER DIODE

Honorable Assistant Commissioner of Patents
Washington, D.C. 20231AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

In response to the Office Action dated August 28, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

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Please amend the claims as follows:

TECHNOLOGY CENTER 2800

- X/
- 1 1. (Amended) A power control circuit for a laser diode, comprising:
 - 2 an amplifier circuit producing at an output terminal thereof an output voltage
 - 3 responsive to a voltage difference between a reference voltage and a feedback voltage that is
 - 4 indicative of an optical power generated by said laser diode in response to a driving current
 - 5 flowing therethrough; and
 - 6 a driving circuit responding to said output voltage to control said driving current so as
 - 7 to make said voltage difference small,
 - 8 said amplifier circuit driving said output terminal with a first time constant during a
 - 9 steady operation and with a second time constant that is smaller than said first time constant
 - 10 upon initiation and before said steady operation.

- A2
8. (Amended) A power control circuit for a laser diode, comprising:

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